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ON-LINE MANUAL

32W143*DG
LED Backlight LCD TV

During the life of your TV firmware updates will be made available to ensure that your TV maintains optimum performance. You can download the latest version of firmware from

www.toshiba-om.net/firmware.php

Some features listed in this document are limited due to local legislation and may not be available in all countries.

“Register your TV online at: www.toshiba-europe.com/registration”

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Safety Precautions

This equipment has been designed and manufactured to meet international safety standards but, like any electrical equipment, care must be taken to obtain the best results and for safety to be assured. Please read the points below for your own safety. They are of a general nature, intended to help with all electronic consumer products and some points may not apply to the goods you have just purchased.

Air Circulation

Leave more than 10cm around all edges when wall mounting the television to allow adequate ventilation. This will prevent overheating and possible damage to the television. Dusty places should also be avoided.

Heat Damage

Damage may occur if the television is left in direct sunlight or near a heater. Avoid places subject to extremely high temperatures or humidity, or locations where the temperature is likely to fall below 5°C (41°F).

Mains Supply

The set should be operated only from a 220-240 V AC 50 Hz outlet. DO ensure that the television is not standing on the mains lead. DO NOT cut off the mains plug from this equipment, this incorporates a special Radio Interference Filter, the removal of which will impair its performance. It should only be replaced by a correctly rated and approved type. IF IN DOUBT PLEASE CONSULT A COMPETENT ELECTRICIAN.

Warning

To prevent the spread of fire, keep candles or other open flames away from this product at all times.

Do

DO read these operating instructions before you attempt to use the equipment.

DO ensure that all electrical connections (including the mains plug, extension leads and interconnections between pieces of equipment) are properly made and in accordance with the manufacturers' instructions. Switch off and withdraw the mains plug before making or changing connections.

DO consult your dealer if you are ever in doubt about the installation, operation or safety of your equipment.

DO be careful with any glass panels or doors on equipment.

Do not

DON'T remove any fixed cover as this may expose dangerous voltages.

DON'T obstruct the ventilation openings of the equipment with items such as newspapers, tablecloths, curtains, etc. Overheating will cause damage and shorten the life of the equipment.

DON'T allow electrical equipment to be exposed to dripping or splashing or objects filled with liquids, such as vases, to be placed on the equipment.

DON'T place hot objects or naked flame sources, such as lighted candles or nightlights on, or close to equipment. High temperatures can melt plastic and lead to fires.

DON'T use makeshift stands and NEVER fix with wood screws. Use the stand manufacturers supplied screws.

DON'T leave equipment switched on when it is unattended, unless it is specifically stated that it is designed for unattended operation or has a standby mode. Switch off by withdrawing the plug, make sure your family know how to do this. Special arrangements may need to be made for people with disabilities.

DON'T continue to operate the equipment if you are in any doubt about it working normally, or it is damaged in any way - switch off, withdraw the mains plug and consult your dealer.

WARNING - excessive sound pressure from earphones or headphones can cause hearing loss.

ABOVE ALL - NEVER let anyone, especially children, push or hit the screen, push anything into holes, slots or any other openings in the case.

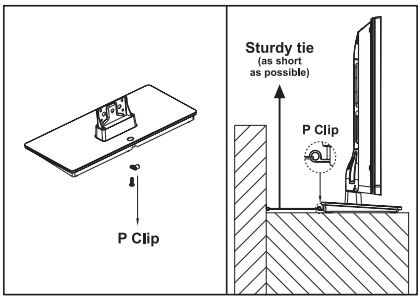
NEVER guess or take chances with electrical equipment of any kind - it is better to be safe than sorry.

THE MAINS PLUG IS USED AS A DISCONNECTING DEVICE AND THEREFORE SHOULD BE READILY OPERABLE.

***Note** : Interactive video games that involve shooting a "gun" type of joystick at the on-screen target may not work with this TV.*

Installation and Important Information

Where to install



"P" Clip position on TV is dependent on model.

** Button and stand style is dependent on model.*

Locate the television away from direct sunlight and strong lights. Soft, indirect lighting is recommended for comfortable viewing. Use curtains or blinds to prevent direct sunlight falling on the screen.

Place the TV on a stable, level surface that can support the weight of the TV. In order to maintain stability and prevent it falling over, It is recomended to secure the TV to a wall using a sturdy tie on the back of the stand.

Avoid using chemicals (such as air refreshers, cleaning agents, etc.) on or near the TV pedestal. Failure to follow these instructions could result in serious injury and/or permanent damage to TV and TV pedestal.

Cleaning the screen and cabinet…

Turn off the power, and clean the screen and cabinet with a soft, dry cloth. We recommend that you do not use any proprietary polishes or solvents on the screen or cabinet as this may cause damage.

Exclusion Clause

Toshiba shall under no circumstances be liable for loss and/or damage to the product caused by:

i) fire;
ii) earthquake;
iii) accidental damage;
iv) intentional misuse of the product;
v) use of the product in improper conditions;
vi) loss and/or damage caused to the product whilst in the possession of a third party;
vii) any damage or loss caused as a result of the owner's failure and/or neglect to follow the instructions set out in the owner's manual;
viii) any loss or damage caused directly as a result of misuse or malfunction of the product when used simultaneously with associated equipment;

Furthermore, under no circumstances shall Toshiba be liable for any consequential loss and/or damage including but not limited to the following, loss of profit, interruption of business, the loss of recorded data whether caused during normal operation or misuse of the product.

Important safety information

- Any function related to the digital television (with the DVB logo) is available only within the country or area where such signals are transmitted. Verify with the salesperson if it is possible to receive a DVB - T/C signal in the area where you live.
- Even if the television conforms to the required DVB - T/C specifications, the compatibility with future digital DVB - T/C transmissions is not guaranteed.
- Some digital television functions may not be available in certain countries.
- The DVB - T/C system present in this device, allows reception of both FTA (Free To Air) and Encrypted channels.

***Note**; Encrypted channels require a specific encryption system to view, which may not be available in certain countries.*

- DVB T is Digital Video Broadcast via an Aerial or antenna system.
- DVB C is Digital Video Broadcast via a Cable system.

IMPORTANT INFORMATION FOR TV INSTALLATION

- Do not stand the televisions on cloth or other materials placed between the television and supporting furniture.
- Educating children about the dangers of climbing on furniture to reach the television or its controls.
- Use a soft, dry cloth to clean the unit.
- Set up unit so that no one will trip over the flex.
- If you intend to wall mount the unit, contact the shop where you purchased the unit for advice.
- To protect the unit during a thunder storm, unplug the AC power cord and disconnect the aerial, cable and satellite decoder/systems etc.

Caution: Do not touch the aerial connector.

The ventilation holes should not be covered or blocked. Do not set up near radiators. Do not place in direct sunshine.

- Never use the unit when moisture condensation could occur and if it exists on the unit allow time for the moisture to be evaporated.

Removing the pedestal stand

When using a Wall Bracket

Please use a wall bracket appropriate for the size and weight of the LCD TV.

- Two people are required for installation.
- To install a wall-mount.

(1) Unplug and remove any cables and/or other component connectors from the rear of the TV.

(2) Carefully lay the front of the unit face down on a flat, cushioned surface such as a quilt or blanket.

(3) Follow the instructions provided with your wall bracket. Before proceeding, make sure the appropriate bracket(s) are attached to the wall and the back of the TV as described in the instructions provided with the wall bracket.

(4) Always use the screws supplied or recommended by the wall mount manufacturer.

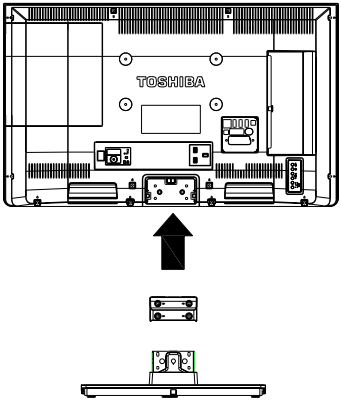
Removing the pedestal stand

(1) Carefully lay the front of the unit face down on a flat, cushioned surface with the stand hanging over the edge.

(2) Remove the screws.

(3) After the screws are removed, hold the pedestal stand in place,then remove the pedestal stand and the plastic moulding from the TV by removing away from the TV.

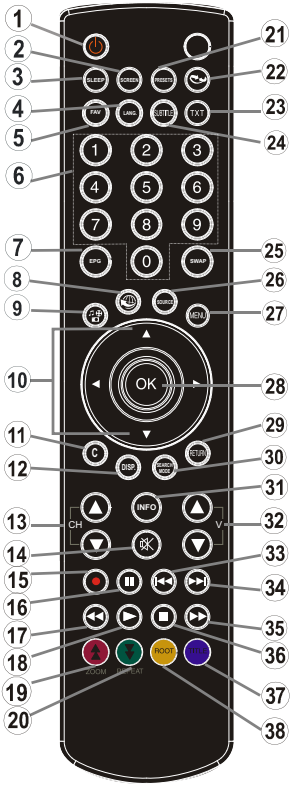
NOTE: Extreme care should always be used when removing the pedestal stand to avoid damage to the LCD panel.



For 32W143*DG models

The Remote Control

Simple at-a-glance reference of your remote control.



1. Standby
2. Image size
3. Sleep Timer
4. Mono/Stereo - Dual I-II / Current Language (in DVB channels)
5. No function
6. Numeric buttons
7. Electronic programme guide(in DVB channels)
8. No function
9. Media Browser
10. Navigation buttons (Up/Down/Left/Right)
11. No function
12. No function
13. Programme Down / Page up - Programme Up / Page down
14. Mute
15. No function
16. Pause
17. Rapid reverse
18. Play
19. Red button
20. Green button
21. Picture mode selection
22. No function
23. Teletext / Mix (in TXT mode)
24. Subtitle on-off (in DVB channels)
25. Previous programme
26. AV / Source selection
27. Menu on-off
28. Okay (Confirm) / Hold (in TXT mode) / Channel List
29. Exit / Return / Index page (in TXT mode)
30. No function
31. Info / Reveal (in TXT mode)
32. Volume Up / Down
33. No function
34. No function
35. Rapid advance
36. Stop
37. Blue button
38. Yellow button

Inserting Batteries and Effective Range of the Remote Control

Remove the back cover to reveal the battery compartment and make sure the batteries are inserted the right way round. Suitable battery types for this remote are AAA, IEC R03 1.5V.

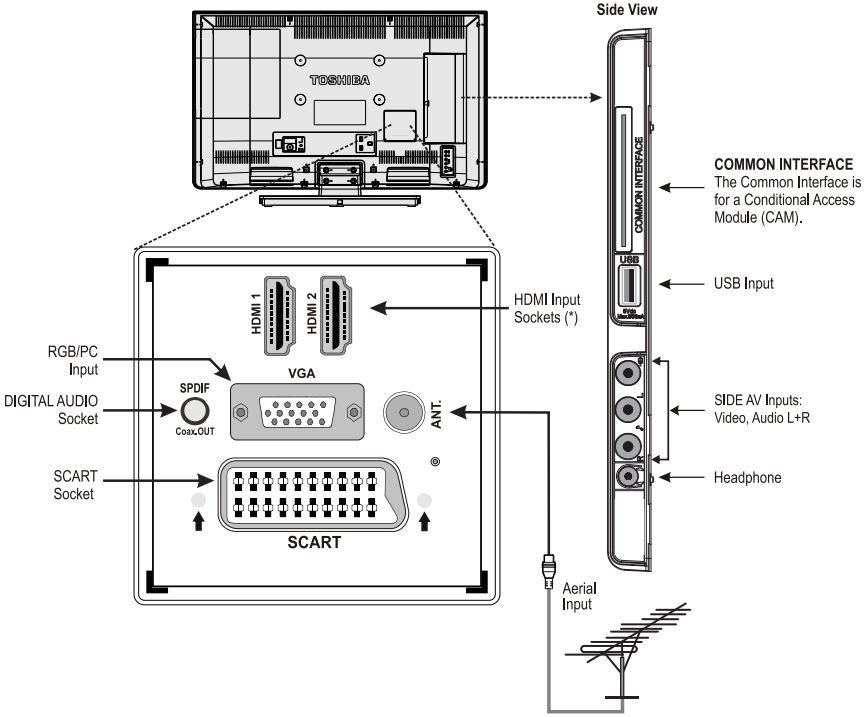
Do not combine a used, old battery with a new one or mix battery types. Remove exhausted batteries immediately to prevent acid from leaking into the battery compartment. Dispose of them in a designated disposal area.

Warning: Batteries must not be exposed to excessive heat such as sunshine, fire or the like.

The performance of the remote control will deteriorate beyond a distance of five metres or outside an angle of 30 degrees from the IR receiver. If the operating range becomes reduced the batteries may need replacing.

Connecting External Equipment

Before connecting any external equipment, remove the mains plug from the wall socket.



(*) Number of these inputs may change according to the model of your TV.

Before running **first time installation**, any connected devices need to be set to standby mode.

HDMI® (High-Definition Multimedia Interface) is for using with a DVD decoder or other equipment with digital audio and video output. It is designed for best performance with 1080i and 1080p high-definition video signals but will also accept and display VGA, 480i, 480p, 576i, 576p and 720p signals. PC format signals will also be displayed.

NOTE*: Although this TV is able to connect to HDMI equipment, it is possible that some equipment may not operate correctly.*

When connecting a device via the Side AV input, you must use the supplied connection cable to enable connection.

When connecting a device via YPbPr input, you must use the supplied connection cable to enable connection.

If the TV automatically switches over to monitor external equipment, return to normal TV by pressing the desired programme position button. To recall external equipment, press **SOURCE** button repeatedly to switch between sources.

Connecting an HDMI® or DVI Device to the HDMI Input

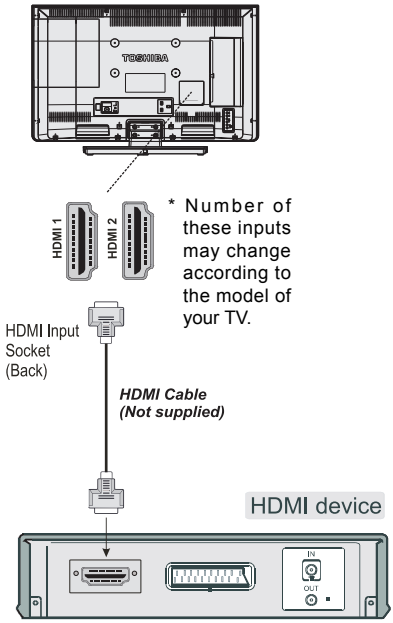
The HDMI input on your TV receives digital audio and uncompressed digital video from an HDMI source device or uncompressed digital video from a DVI (Digital Visual Interface) source device such as a set-top box or DVD player with HDMI or DVI output.

NOTE: *Supported Audio format: Linear PCM, sampling rate 32/44.1/48kHz.*

To Connect an HDMI Device

Connect an HDMI cable (type A connector) to the HDMI terminal. For proper operation, it is recommended that you use an HDMI cable with the HDMI Logo (HDMI).

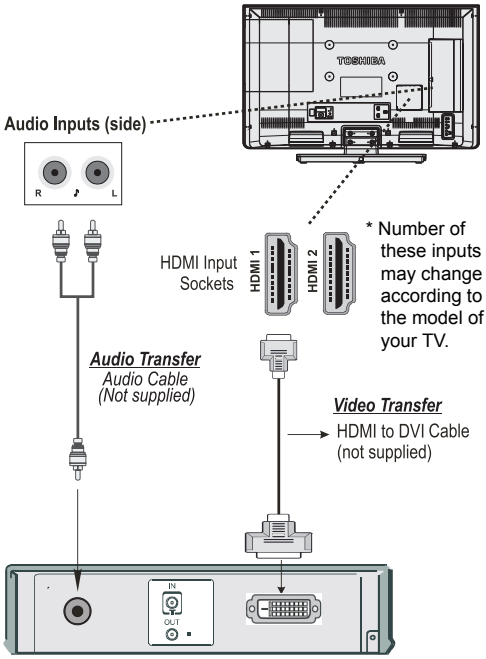
- If your HDMI connection is capable of 1080p and/or your TV is capable of refresh rates greater than 50Hz, you will need a Category 2 cable. Conventional HDMI/DVI cable may not work properly with this mode.
- HDMI cable transfers both video and audio. Separate analogue audio cables are not required (see illustration).
- To view the HDMI device video press **SOURCE** button to select the appropriate HDMI input.



To Connect a DVI Device

Connect an HDMI-to-DVI cable (HDMI type A connector) to the HDMI input socket and the seperate audio cables.

- The maximum recommended HDMI-to-DVI cable length is 6.6 ft (2m).



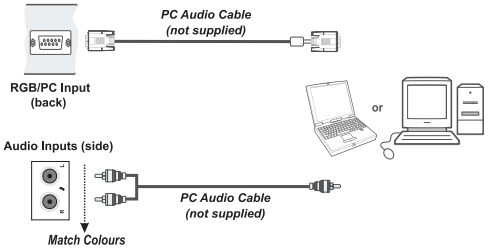
NOTE:*To ensure that the HDMI or DVI device is reset properly, it is recommended that you follow these procedures:*

- When turning on your electronic components, turn on the TV first, and then the HDMI or DVI device.

Connecting a Computer

To Connect a Computer

With either an RGB/PC or an HDMI connection, you can watch your computer's display on the TV and hear the sound from the TV's speakers.



To use a PC, set the monitor output resolution on the PC before connecting it to the TV. To display the optimum picture, use the PC setting feature.

NOTE: *Some PC models cannot be connected to this TV. An adaptor is not needed for computers with a compatible mini D-sub15-pin terminal.*

Connecting a USB Memory

To Connect a USB Flash Drive

- You can connect a USB Flash Drive to your TV by using the USB input of the TV. This feature allows you to display/play music, photo or video files stored in a USB stick.
- It is possible that certain types of USB devices (e.g. MP3 Players) may not be compatible with this TV.
- You may back up your files before making any connections to the TV set in order to avoid any possible data loss. Note that manufacturer will not be responsible for any file damage or data loss.
- Do not pull out USB module while playing a file.

CAUTION: *Quickly plugging and unplugging USB devices may cause damage to the USB device.*

Power Save Mode

Environmental Information

This television is designed to be environment friendly. You not only help to save the environment but also you can save money by reducing electricity bills thanks to the energy efficiency feauture of this TV. To reduce energy consumption, you should take the following steps:

You can use Power Save Mode setting, located in the Picture Settings menu. If you set Power Save Mode as **Eco**, the TV will switch to energy-saving mode and luminance level of TV set will be decreased to optimum level. Note that some picture settings will be unavailable to be changed when the TV is in Power Save Mode.

If pressed Right button, "**Screen will be off in 15 seconds.**" message will be displayed on the screen. Select **Proceed** and press **OK** to turn the screen off immediately. If you don't press any button, the screen will be off in 15 seconds. Press any button on the remote or on the TV to turn the screen on again. If you disable **Power Save Mode**, picture mode will be automatically set to **Dynamic**.

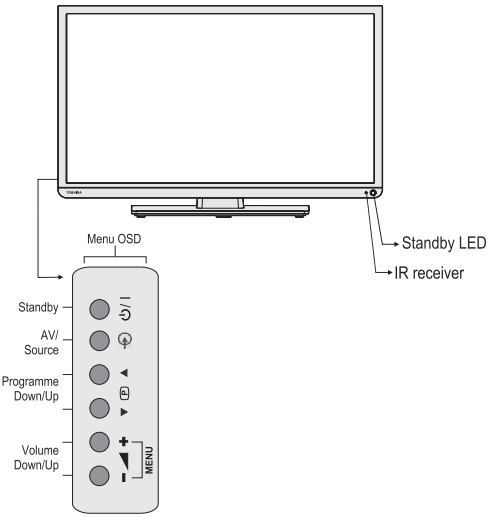
It is highly recommended to activate **Power Save Mode** to reduce your annual power consumption. And also it is recommended to disconnect the TV from the mains plug to save more energy when you are not going to use it for a long period of time.

Repair Information

Please refer all servicing to qualified personnel. Only qualified personnel must repair the TV. Please contact your local dealer, where you have purchased this TV for further information.

Controlling the TV

A wide variety of external equipment can be connected via the sockets located on the side and back of the TV. *Whilst all the necessary adjustments and controls for the TV are made using the remote control, the buttons on the Back of the TV may be used for some functions.*



Switching on

If the standby LED is unlit, check that the mains plug is connected to the power and press the ⏻/ **I** button on the back side of the television or ⏻ button on the remote control to switch the television on.

To put the television into Standby, press ⏻ button on the remote control or on the TV. To view the television, press ⏻ button again. The picture may take a few seconds to appear.

***Note**: The active Standby LED colour will turn to red in a few moments when the TV is switched into Standby.*

For energy saving:

Turning the TV off at its mains supply, or un-plugging it, will cut energy use to nearly zero for all TV's. This is recommended when the TV is not being used for a long time, e.g. when on holiday.

Reducing the brightness of the screen will reduce energy use. Energy efficiency cuts energy consumption and thus saves money.

***NOTE**: Putting the TV into standby mode, will reduce energy consumption, but will still draw some power.*

Using the Remote Control

Press the **MENU** button on the remote control to see the menus.

The main menu appears as a group of icons each for a menu option. Press the Left or Right button to select a topic.

In sub menu screen mode the menu appears as a list. Press the Up or Down button to select a topic.

To use the options press the Up and Down buttons on the remote control to move up and down through them and **OK**, Left or Right buttons to select the required choice. Follow the on screen instructions.

Using the Controls on the TV

Using the control buttons on the Back of the TV:

- To alter the volume press **+** ◿ or **-** ◿**.**
- To alter the programme position press ▼ Ⓟ ▲ on the Back of the TV.
- Press **+** ◿ **-** buttons at the same to view main menu and use ▼ Ⓟ ▲ to navigate and **+** ◿ **-** to change value.

*To select an external input, press **SOURCE** until the appropriate input source is selected.*

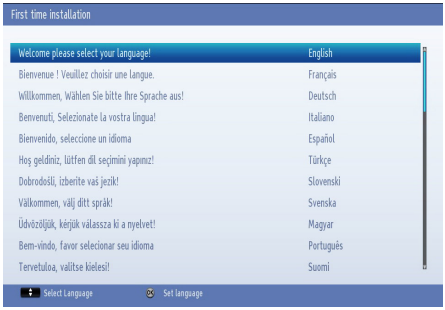
Please always refer to the owner's manual of the equipment to be connected for full details..

Initial Installation

Before switching on the TV, put your decoder and media recorder to **Standby** if they are connected and ensure the aerial is connected to your TV. To set up the TV, use the buttons on the remote control as detailed on ***page 7***.

IMPORTANT: Ensure that the aerial is connected and a Common Interface module is not inserted before switching on the TV for the first time installation.

1. Connect the mains plug and switch the TV to on using the ⏻/**I** button. If the TV does not switch on, press any numbered or ⏻ button on the remote control, then the language selection menu will be displayed. This screen will appear the first time that the TV is switched on and each time the TV is reset.

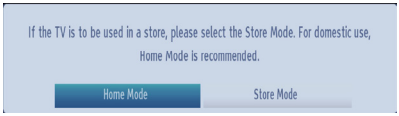


2. By pressing **Up** or **Down** button, highlight the language you want to set and press **OK** button. The following message will be displayed next:

3. By pressing **Left** or **Right** button, select the **country** you want to set and press **Down** button to highlight the **Search Type** option. Use **Left** or **Right** to set the desired search type. Available search types are digital only, analog TV only and full.
4. When set, press **Down** button to highlight Teletext Language. Use **Left** or **Right** button to select desired language region. Highlight **Scan Encryted Channels** and enable/disable this option by using **Left** or **Right** buttons. Press **OK** to continue.

Note: *Depending on the* ***Country*** *selection you may be asked to set and confirm a PIN at this point. The selected PIN cannot be* ***0000****. You have to enter it if you are asked to enter a PIN for any menu operation later.*

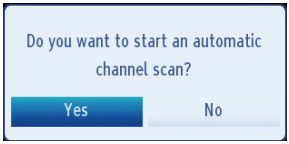
5. The following message will be displayed next on the screen:


If the TV is to be used in a store, please select the Store Mode. For domestic use, Home Mode is recommended.
Home Mode
Store Mode

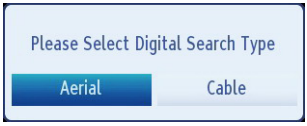
Select **Store mode** if the TV will be placed in a store to exhibit. This option will configure your TV's settings for best display quality and the supported features of the TV will be displayed on the top of the screen as a info banner. If **Store mode** is selected, a confirmation screen will be displayed. Select **YES** to proceed. For home use select **Home Mode**.

This option will be available in **Other Settings** menu and can be turned off/on later..

6. Press **OK** button on the remote control to continue and the following message will be displayed on the screen:



7. Select **Yes** button by using **Left** or **Right** button and press **OK** button to continue. Afterwards, the following OSD will be displayed on the screen:



8. If you select **Cable** option, a confirmation screen will be displayed. If you want to search for available networks, select **YES** to proceed. The following screen will be displayed:

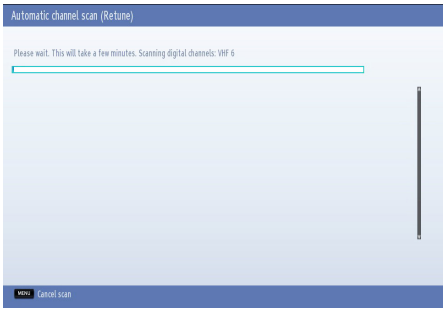
Initial Installation - continued

You can select **Network**, **Frequency**, **Network ID** and **Search Step** from this screen. For highlighting lines you see, use **Up** or **Down** button. You can set **Search Step** as 8000 kHz or 1000 kHz. If you select 1000 kHz, the TV will perform search process in a detailed way. Searching duration will thus increase accordingly. When finished, press **OK** button to start automatic search.

If you select **NO**, the following screen will be displayed:

You can set Start - Stop Frequencies and Search Step as desired. When finished, press **OK** button to start the search.

9. If you select **Aerial** option from the Search Type screen, the television will search for broadcasts.
10. The Auto tuning screen will appear and the television will start to search for available stations. The progress bar will move along the line. You must allow the television to complete the search.

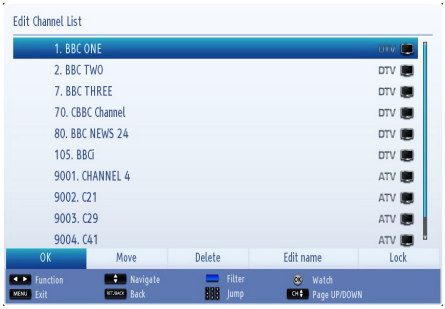


Note*: *You can press MENU button to cancel.

While the search continues a message will appear, asking whether you want to sort channels according to the LCN(*). Select **Yes** and press **OK** to confirm**.**

(*) LCN is the Logical Channel Number system that organizes available broadcasts in accordance with a recognizable channel sequence (if available).

After the available stations are stored, **Edit Channel List** will be displayed on the screen.



- Press **OK** button to quit channel list and watch TV.

***Note*:**

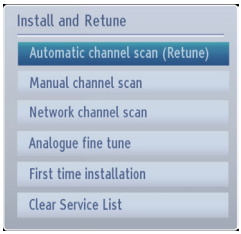
Do not turn off the TV while initializing first time installation.

Auto Tuning

Auto Tuning

As new services are broadcast, it will be necessary to retune the television in order to view them.

- It is recommended to run Auto Tuning periodically to ensure that all new services are added. Please be aware that Auto Tuning will completely retune the television and all current channels and settings will be lost.
- Press **MENU** button on the remote control and select **Install and Retune** by using **Left** or **Right** button. Press **OK** button and the following menu screen will be displayed.



- Select **Automatic Channel Scan (Retune)** by using **Up** or **Down** button and press **OK** button. **Automatic Channel Scan** options will be displayed. You can select options by using **Up** or **Down** and **OK** buttons.

Auto Channel Scan Menu Operation

Digital Aerial: *Searches and stores aerial DVB stations.*

Digital Cable: *Searches and stores cable DVB stations.*

Analogue: *Searches and stores analogue stations.*

Digital Aerial & Analogue: *Searches and stores aerial DVB and analogue stations.*

Digital Cable & Analogue: *Searches and stores cable DVB and analogue stations.*

- Whenever you select an automatic search type and press **OK** button, a confirmation screen will appear on the screen. To start installation process, select **Yes**, to cancel select **No** by using **Left** or **Right** and **OK** button.
- After auto channel scan type is set and selected and confirmed, installation process will start and progress bar will move along. The television will search for all available stations. You must allow the television to complete the search. Press **MENU** button to cancel the process. In such a case, located channels are not stored.

Manual Tuning, Analogue Fine Tuning

The television can be tuned-in manually using Manual Search feature.

Digital Aerial Manual Search

The feature is available for service engineers or can be used for direct channel entry if the multiplex channel is known.

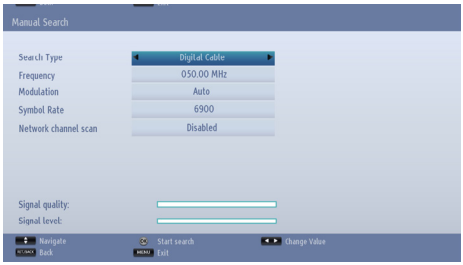
- Select **Manual channel scan** from the **Install and Retune** menu and press **OK.**

After selecting search type as **Digital Aerial**, you can enter the multiplex or frequency number using the numeric buttons and press **OK** button to search.

- Enter the multiplex number using the numeric buttons. The television will automatically search for that multiplex. When the multiplex is found any channels not currently on the programme list will be added and the programme information at the top of the screen will be updated.
- Repeat as necessary.

Digital Cable Manual Search

- In cable manual scan, you can enter frequency, modulation, symbol rate and network channel scan options. After selecting search type as **Digital Cable**, you can set the desired options and press **OK** button to search.



Analogue Manual Search

*The television can be tuned-in manually. For example: if the television cannot be connected to a media recorder/decoder with a **SCART** lead or to tune-in a station on another System.*

To allocate a programme position on the television for a decoder and media recorder: turn the decoder on, insert a pre-recorded film into the media recorder and press **PLAY**, then manually tune.

After selecting search type as **Analogue**, you can use **Up** or **Down** button to highlight an item and then press **Left** or **Right** button to set an option.

Enter the channel number or frequency using the numeric buttons. You can then press **OK** button to search. When the channel is located, any new channels that are not on the list will be stored.

Analogue Fine Tune

- Select **Analogue Fine Tune** from the **Install and Retune** menu by using **Up** or **Down** and **OK** buttons. Analogue fine tune screen will be displayed. Analogue Fine Tune feature will not be available if there are no analogue channels stored.
- Use **Left** or **Right** button to set Fine Tune. When finished, press **OK** button.

Clear Service List (*)

(*) This setting is visible only when the Country option is set to Denmark, Sweden, Norway or Finland.

- Select **Clear Service List** from the **Install and Retune** menu by using **Up** or **Down** and **OK** buttons. A confirmation message will be displayed. If you want to delete all channels, select **Yes** and press **OK.** Use this setting to clear channels stored.

General Operation

Stereo and Bilingual Transmissions

If stereo or dual language broadcasts are transmitted, the word **Stereo** or **Dual** will appear on the screen each time positions are changed, disappearing after a few seconds. If the broadcast is not in stereo, the word **Mono** will appear.

Stereo… Press **LANG** to select **Stereo** or **Mono**.

Bilingual… Bilingual transmissions are rare. If they are transmitted, the word Dual will be displayed. Choose the required programme number, and if the word **Dual** appears, press **LANG** to select **Dual I**, **Dual II** or **Mono**.

For DTV broadcasts

To view current language and for changing to an alternative language (if available), press **LANG** button. Available options will be listed.

Displaying Subtitles

In digital broadcasts, this feature will show subtitles on the screen in the selected language provided they are being broadcast.

Press **SUBTITLE** button to turn the subtitles on. Press **SUBTITLE** button again to turn the subtitles off.

Viewing Main Menu

Press **+** or **-** buttons on the TV at the same time to view main menu.

Press **MENU** button on the remote control to view main menu.

Controlling Volume and Muting Sound

Volume

Press **V▲** or **V▼** button on the remote control to adjust the volume.

Sound Mute

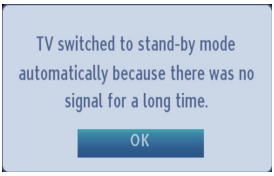
Press "🔇" button once to turn the sound off and again to cancel.

Selecting Programme Positions

To select a programme position use the numeric buttons on the remote control. Programme positions can also be selected using **CH▼** or **CH▲** buttons. Press **INFO** button to display the on-screen information i.e. programme position, stereo/mono signal and picture format.

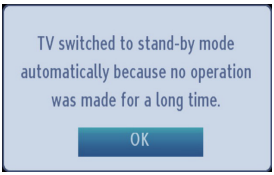
Standby Notifications

If the TV switches off while in No Signal mode, the following on-screen message will be displayed on the next switch-on:



When the **Auto TV OFF** timeout is reached, the following message will be displayed on the screen. Select **Yes** to shut down the TV. Select **No** to cancel. The TV will switch off as well, if you do not make a selection on this screen.

If the TV switches off owing to the auto power down feature, the following on-screen message will be displayed on the next switch-on:



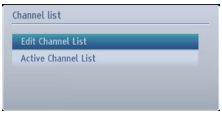
Channel List, Sorting Programmes, Programme Locking

You can view stored channels and sort them by using the Channel List feature.

Viewing Channel List

The channel order may be changed to suit your personal preference.

- Select **Channel List** from the main menu and press **OK** button. The following menu will be displayed:



- Select **Edit Channel List** to manage all stored channels. Use **Up** or **Down** and **OK** buttons to select **Edit Channel List**.

- Press **Up** or **Down** button for selecting a channel. You can press **P▼** or **P▲** button to move page up or page down.
- To watch a specific channel, highlight it by using **Up** or **Down** button. Afterwards press **OK** button.
- Press **BLUE** button to view filtering options.
- Press **MENU** button to exit.

Note: *The channels listed are mixed at the channel list. Channel types can be differentiated by the icons next to them: DTV (digital tv), HD (HD TV) , ATV (Analogue TV) ,TV (TV), Radio symbol (Radio), encrypted, lock, and FAV symbols (for channels in the favourite list). Listed channels can also be sorted by using the active channel list filter.*

Moving a Channel

- Highlight the desired channel by using **Up** or **Down** button.
- Select **Move** option in the channel list by using **Left** or **Right** button and press **OK** button.
- **Edit Number** screen will be displayed. Enter the desired channel number by using the numeric buttons on the remote control and press **OK**. If there is a previously stored channel on that number, a warning screen will be displayed. Select **Yes** if you want to move the channel and press **OK**.
- Selected channel is now moved.

Deleting a Channel

*You can press **GREEN** button to tag/untag all channels; **YELLOW** button to tag/untag channel.*

- Select the channel that you want to delete and select **Delete** option by using **Left** or **Right** button. Press **OK** button to continue.
- A warning screen will appear. Select **Yes** to delete, select **No** to cancel. Press **OK** button to continue.

Renaming a Channel

- Select the channel that you want to rename and select **Edit Name** option by using **Left** or **Right** button. Press **OK** button to continue.
- Pressing **Left** or **Right** button moves to the previous/ next character. Pressing **Up** or **Down** button changes the current character. Pressing the numeric buttons '**0...9**' replaces the highlighted character with the characters printed above the button one by one as the button is pressed.
- When finished, press **OK** button to save. Press **MENU** or **BACK** to cancel.

Locking a Channel

*You can press **GREEN** button to tag/untag all channels; **YELLOW** button to tag/untag a single channel.*

- Select the channel that you want to lock by using **Up** or **Down** button.
- Select **Lock** option by using **Left** or **Right** button. Press **OK** button to continue.
- You will be asked to enter parental control PIN. Enter the PIN number.

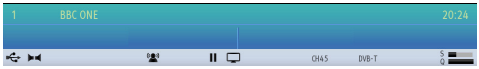
Note: *Default PIN can be set to **0000** or **1234**. If you have defined the PIN(is requested depending on the country selection) during the **First Time Installation** or changed the default PIN later from the **Set PIN** option under the **Parental Settings** menu, use the PIN that you have defined.*

- Press **OK** button when the desired channel is highlighted to lock/unlock the channel. Lock symbol will be displayed next to the selected channel.

Viewing Info Banner, Electronic Programme Guide

Viewing Info Banner

- Press **INFO** button. The information screen will appear giving details of the channel and programme currently being viewed.



- Whenever you change channel, the TV displays the broadcast picture along with an information banner at the bottom of the screen. This will remain on the screen for a few seconds.
- If the selected channel is locked, you must enter the correct four numeric code to view the channel. “Enter PIN” will be displayed on the screen in such a case:

- Enter the 4-digit PIN number to continue.

Note: *Default PIN can be set to* ***0000*** *or* ***1234****. If you have defined the PIN(is requested depending on the country selection) during the* ***First Time Installation*** *or changed the default PIN later from the* ***Set PIN*** *option under the* ***Parental Settings*** *menu, use the PIN that you have defined.*

Electronic Programme Guide

- Select the on-screen guide by pressing **EPG** button, the guide screen will appear highlighting details of the channel and programme currently being viewed. This may take a few moments to appear.

- For details of other programmes currently available, press navigation buttons to scroll up and down or scroll left/right through the list. As channels are selected, details of the programme currently being broadcast will appear.
- Press **RED** button to view the previous day.
- Press **GREEN** button to view the next day.
- Press **YELLOW** button for zooming to a programme.
- Press **BLUE** button to display filtering options.
- Press **SUBTITLE** button to sort channels by a genre.
- For information on a highlighted programme, press **INFO** button.
- Use **numeric buttons** for quickly selecting a broadcast.
- Use the navigation buttons to highlight a programme and press **OK** button to display **Event Options** menu. The following options are available.

  Select Channel: Using this option, you can switch to the selected channel.

  Set Timer on Event / Delete Timer: You can set a timer for future programmes using this option. To cancel an already set reminder, highlight that programme and press the **OK** button. Then select **Delete Timer** option. The timer will be cancelled.

  Note: *It is not possible to set timer for two or more individual events at the same time interval.*
- Press **TXT** button to display searching options.
- Press **SWAP** button for displaying current programmes.

Language Selection

Language Settings

Using this menu you can adjust the preferred language settings.

- Press **MENU** button and select **Settings** by using **Left** or **Right** button.
- Select **Language** and press **OK** to view this menu. Select the desired language by using **Left** or **Right** button. Press the **MENU** button on the remote control to exit.

Preferred

These settings will be used if available. Otherwise the current settings will be used.

Audio: By pressing **Left** or **Right** button change the audio language.

Subtitle: Alter the subtitle language with **Left** or **Right** button. The chosen language will be seen in subtitles.

Teletext: Changes the preferred teletext language.

Guide: By pressing **Left** or **Right** button change the guide language.

Current

Audio: If audio language is supported, change the audio language by pressing **Left** or **Right** button.

Subtitle: If subtitle is backed up, alter the subtitle language with **Left** or **Right** button. The chosen language will be seen in subtitles.

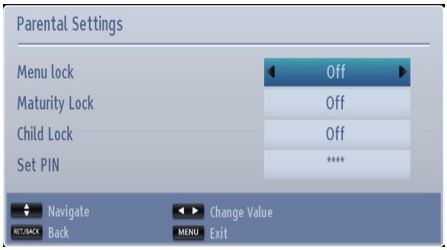
Digital Settings - Parental Control, Menu Lock, Set PIN

You can view or set parental preferences of your TV.

Viewing Parental Control Menu

Press **MENU** button and select the **Settings** by using **Left** or **Right** button. Press **OK** button to view Settings menu. Use **Up** or **Down** button to highlight **Parental** and press **OK** to continue:

- A dialogue box asking for the lock key will be displayed.
- If it is incorrect, "**Wrong PIN**" OSD will be displayed. If it is correct, the Parental Control menu will be displayed:



Note: *Default PIN can be set to **0000** or **1234**. If you have defined the PIN(is requested depending on the country selection) during the **First Time Installation** use the PIN that you have defined.*

Menu Lock

*In Menu lock you can set locking for **All menus**, or the **Installation menu** to restrict access to these menus. If the menu lock is disabled, there will be free access to the menu system.*

- Use **Up** or **Down** buttons to go to **Menu Lock** option. Use **Left** or **Right** buttons to choose Menu Lock Mode.

OFF: All menus are unlocked.

ALL MENUS: All Menus are accessible only with the correct lock key. So the user cannot add, delete, rename, channels or set timers.

INSTALLATION MENU: Installation menu is locked. So the user can't add channels.

Maturity Lock (*)

When set, this option gets the maturity information from the broadcast and if this maturity level is disabled, disables access to the broadcast.

(*) Not available for UK.

Child Lock

Child Lock disables the buttons on the television. All buttons on the remote control can still be used.

Set PIN

- Use **Up** or **Down** buttons to select **Set PIN** option. Press **OK** to display the **Set PIN** window.
- Use numeric buttons to enter new pin number. You will need to input your new pin a second time for verification purposes.
- After typing correct PIN numbers, PIN number will be changed.

Note: *If you change the pin number make sure you write it down and keep it safe.*

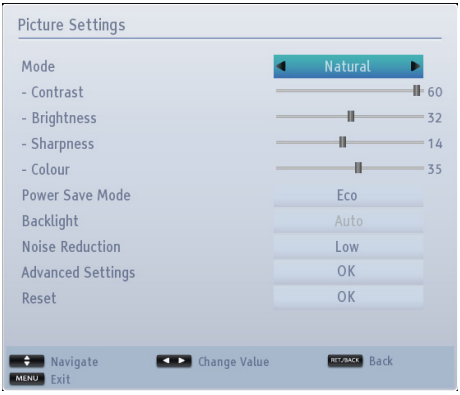
Configuring Picture Settings

You can configure picture settings of your TV by using Picture Settings menu.

Configuring Picture Settings

You can use different picture settings in detail. You can customize current picture mode settings as desired. For example, you can change items such as, Brightness, Contrast, Colour and Sharpness.

Press **MENU** button and select **Picture** by using **Left** or **Right** button. Press **OK** button to view **Picture Settings** menu.



Operating Picture Settings Menu Items

- Press **Up** or **Down** button to highlight a menu item.
- Use **Left** or **Right** button to set an item.
- Press **MENU** button to exit.

Mode

This TV offers the choice of personalising the picture style. **Natural, Cinema**, **Game** and **Dynamic** are preset options and affect settings within the TV. Press **Left** or **Right** button to select the picture mode you prefer.

Note: Some options may be inactive depending on the selected mode.

Contrast

Sets the lightness and darkness values of the screen. Press **Left** or **Right** button to adjust the contrast.

Brightness

Sets the brightness value for the screen. Press **Left** or **Right** button to adjust the brightness.

Sharpness

Sets the sharpness value for the objects displayed on the screen. Press **Left** or **Right** button to adjust the sharpness.

Colour

Sets the colour value, adjusting the colours. Press **Left** or **Right** button to adjust the colour.

Power Save Mode

Enables or disables the power save mode. Press **Left** or **Right** button to set as **Disabled**, **Eco** or to turn the screen off. See the section **Environmental Information** in this manual for further information on **Power Save Mode**.

*Note: Picture mode will be set to **Dynamic** automatically if the **Power Save Mode** is set to **Disabled**.*

Backlight

This setting controls the backlight level and it can be set to **Auto**, **Low**, **Medium** and **High**.

*Note: The backlight function will be inactive if **Power Save Mode** is set to **Eco** or picture mode is set to **Game**.*

Noise Reduction

Sometimes some words or picture elements may become distorted or pixelated. Using the **Noise Reduction** feature reduces this effect by smoothing out the edges. Press **Left** or **Right** button to set noise reduction level.

Advanced Settings

Some additional controls in the picture menu are grouped under the title **Advanced Settings**. To view or change, first highlight **Advance Settings** and press **OK** button to view. **Advanced Settings** menu controls are as the following:

Dynamic Contrast: You can change contrast rate by using dynamic contrast function. Dynamic contrast can be set to one of these options: **Low**, **Medium**, **High** or **Off.**

Colour Temp: Colour Temperature increases the 'warmth' or 'coolness' of the picture by increasing the red or blue tint. Colour temperature can be set to one of these options: **Normal**, **Warm** or **Cool**.

Picture Zoom: Sets the picture size to **Auto**, **Full**, **16:9**, **Subtitle**, **14:9**, **14:9 Zoom**, **4:3** or **Cinema**. Press **Left** or **Right** button to change the setting.

Film Mode (optional): Films are recorded at a different number of frames per second to normal television programmes. Press **Left** or **Right** button to set this feature to **Auto** or **Off**. Turn this feature

to Auto when you are watching films to see the fast motion scenes clearly.

Skin Tone: Adjust the desired skin tone.

Colour Shift: Adjust the desired colour tone.

RGB Gain: Press **OK** button to edit RGB gain. You can configure the colour temperature values using the RGB Gain feature.

HDMI True Black (optional): While watching from HDMI source, this feature will be visible in the **Advanced Settings** menu.

You can use this feature to enhance blackness in the picture. Set this feature to **On** to activate.

Note: *HDMI True Black On/Off feature functions only when the HDMI device output is set to RGB.*

Reset

This feature allows you to reset the current picture settings to the default values. Press **MENU** button and select **Picture** by using **Left** or **Right** button. Press **Up** or **Down** button to select **Reset** and press **OK** button.

Note: *The reset function does not reset the settings for* ***Mode****,* ***Noise Reduction****,* ***Colour Temp****,* ***Picture Zoom*** *and* ***HDMI True Black****.*

Changing Picture Format

Press **SCREEN** button repeatedly to select between **Auto(*), Full(**), 16:9, Subtitle, 14:9, 14:9 Zoom, 4:3** or **Cinema.**

Using the special functions to change the size of the displayed image (i.e. changing the height/width ratio) for the purposes of public display or commercial gain may infringe on copyright laws.

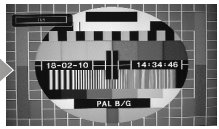
You can shift to screen up or down by pressing "▲"/"▼" buttons while picture zoom is selected as 14:9 Zoom, Cinema or Subtitle.

*(*) When **Auto** is selected, the aspect ratio of the screen is adjusted by the information provided by the selected source (if available). The format being displayed in **Auto** mode is completely independent of WSS information which could be included in the broadcast signal or the signal from an external device.*

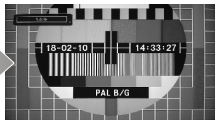
***Note: Auto** mode will only be available in SCART, HDMI, YPbPr and DTV.*

*(**) **Full** mode is only available on HD channels.*

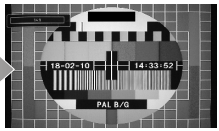
16:9 — *Use this setting when watching a widescreen DVD, widescreen video tape or a 16:9 broadcast (when available). Due to the range of widescreen formats (16:9, 14:9 etc.) black bars may be visible on the top and bottom of the screen.*



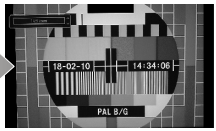
Subtitle — *When subtitles are included on a letterbox format broadcast, this setting will raise the picture to ensure that all the text is displayed.*



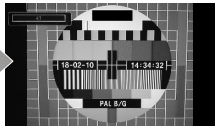
14:9 — *This zooms up the wide picture (14:9 aspect ratio) to the upper and lower limits of the screen*



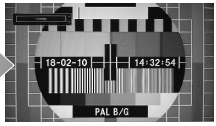
14:9 Zoom — *This option zooms to the 14:9 picture.*



4:3 — *Use this setting to view a true 4:3 broadcast.*



Cinema — *This zooms up the wide picture (16:9 aspect ratio) to the full screen.*



Configuring PC Picture Settings

PC Picture Settings (*)

(*) *While in VGA/PC mode, some items in Picture menu will be unavailable. Instead, VGA mode settings will be added to the Picture Settings while in VGA/PC mode.*

PC Picture controls

Contrast, **Brightness** and **Colour** adjustments in this menu are identical to adjustments defined in TV picture menu.

Select **Reset** and press **OK** button to reset the adjustments.

Note:

*For switching to **VGA/PC** source, press **SOURCE** button on your remote control and select VGA/PC input.*

Note that VGA/PC mode menu settings are available only while the TV is in PC source.

PC Position

Select this to display PC position menu items.

Autoposition

If you shift the picture horizontally or vertically to an unwanted position, use this item to put the picture into correct place automatically.

Highlight **Autoposition** and then press the **OK** button.

H Position

H (Horizontal) Position shifts the image horizontally to right hand side or left hand side of the screen.

Press **Down** button until **H Position** is highlighted.

Press **Left** or **Right** button to adjust the value.

V Position

V (Vertical) Position shifts the image vertically towards the top or bottom of the screen.

Press **Down** button until **V Position** is highlighted.

Press **Left** or **Right** button to adjust the value.

Dot Clock

Dot Clock adjustment corrects the interference that appear as vertical banding in dot intensive presentations like spreadsheets or paragraphs or text in smaller fonts.

Press **Down** button until **Dot Clock** is highlighted.

Press **Left** or **Right** button to adjust the value.

Phase

Depending on the resolution and scan frequency that you input to the TV Set, you may see a hazy or noisy picture on the screen. In such a case you can use this item to get a clear picture by trial and error method.

Press **Down** button until **Phase** is highlighted.

Press **Left** or **Right** button to adjust the value.

Configuring Sound Settings

You can configure sound settings of your TV by using Sound Settings menu.

English

Configuring Sound Settings

Sound settings can be configured according to your personal preferences.

Press **MENU** button and select **Sound** by using **Left** or **Right** button. Press **OK** button to view Sound Settings menu.

Operating Sound Settings Menu Items

- Press **Up** or **Down** button to highlight a menu item.
- Use **Left** or **Right** button to set an item.
- Press **MENU** button to exit.

Volume

Select **Volume** using **Up** or **Down** button and then use **Left** or **Right** button to set volume level.

Equalizer (Only for speaker)

*You can customize current sound mode settings. Select the appropriate mode in accordance with the installation location of the TV and adjust the equalizer on-screen as desired. Press **OK** button to view equalizer submenu.*

In equalizer menu, the preset can be changed to **Music**, **Movie**, **Speech**, **Flat**, **Classic** and **User**. Press the **MENU** button to return to the previous menu.

***Note**: Equalizer menu settings can be changed manually only when the **Equalizer Mode** is in **User**.*

Balance (Only for speaker)

This setting is used for emphasizing left or right speaker balance.

- Press **Left** or **Right** button to change the level of the balance. Balance level can be adjusted between **-31** and **+31**.

Headphone

This setting is used to set the sound output when headphones are connected.

- Press **Up** or **Down** button to select **Headphone**.
- Press **Right** button to increase headphone volume level. Press **Left** button to decrease headphone volume level. Headphone volume level can be adjusted between 0 and 63.

Sound Mode

This setting is used to set the **Sound Mode**. Higlight **Sound Mode** by using **Up** or **Down** button. Press **Left** or **Right** button to set.

You can select **Mono**, **Stereo**, **Dual I** or **Dual II** mode, only if the selected channel supports that mode.

AVL

Sometimes there can be large changes in volume when switching from a DTV 5.1ch to a DTV 2ch, an ATV channel, or an external input. Using the AVL feature reduces these volume differences.

- Press **Up** or **Down** to highlight **AVL**. Press **Left** or **Right** button to set AVL as **On** or **Off**.

Digital Out

This setting enables you to set **Digital Out** preference as **Compressed** or **PCM**. You should set this feature in accordance with the received broadcast's content. Select **Digital Out** using **Up** or **Down** button and then use **Left** or **Right** button to set.

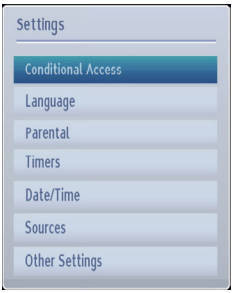
Settings Menu Operation, Conditional Access

Configuring Your TV's Settings

Detailed settings can be configured to suit your personal preferences.

Viewing Settings Menu

Press **MENU** button and select **Settings** by using **Left** or **Right** button. Press **OK** button to view **Settings** menu.



Press **Up** or **Down** button to highlight a menu item. Press **OK** button to select an item. Press **MENU** button to exit.

Conditional Access: This setting controls conditional access modules when available. Use **Up** or **Down** button to highlight **Conditional Access**. Press **OK** button to continue.

Language: Configures language settings.

Parental: Configures parental settings.

Timers: Sets timers for selected programmes.

Date/Time: You can configure date/time preferences by using this menu screen.

Sources: Enables or disables selected source options.

Other Settings: Displays other setting options of the TV set.

Using a Conditional Access Module

The Common Interface Slot, situated on the side of the television, enables the insertion of a CAM (Conditional Access Module) and card. These are purchased from a service provider and allow additional subscription broadcasts to be viewed. For more information, see a service provider.

IMPORTANT: Insert or remove the CAM only when the TV is SWITCHED OFF.

- In order to watch certain digital channels, a conditional access module (CAM) is necessary. This module must be inserted in the CI slot of your TV.
- Obtain the Conditional Access Module (CAM) and the viewing card by subscribing to a pay channel company, then insert those to the TV using the following procedure.
- Insert the CAM and then the viewing card to the slot that is located in the terminal cover at the rear side of the TV.
- The CAM should be correctly inserted, it is impossible to insert fully if reversed. The CAM or the TV terminal may be damaged if the CAM is forcefully inserted.

Connect the TV to the mains supply, switch on and then wait for few moments until the card is activated.

- When no module is inserted, "**No common interface module detected.**" message appears on the screen.
- Refer to the module instruction manual for details of the settings.

Viewing Conditional Access Menu (*)

***(*)** These menu settings may change depending on the service provider.*

Press **MENU** button and select **Settings** by using **Left** or **Right** button. Press **OK** button to view **Settings** menu. Use **Up** or **Down** button to highlight **Conditional Access** and press **OK** to view menu items.

Setting Timers

Timers

To view **Timers** menu, press **MENU** button and select **Settings** by using **Left** or **Right** button. Press **OK** button to view **Settings** menu. Use **Up** or **Down** button to highlight **Timers** and press **OK** to continue:

Setting Sleep Timer

The television can be set to turn itself off after a certain length of time.

- Highlight **Sleep Timer** by using **Up** or **Down** button.
- Use **Left** or **Right** button to set. The timer can be set to **Off or** between 30 minutes and 2 hours (120 minutes) in steps of 30 minutes.

Setting Programme Timers

*This feature will set the television to go to a specific channel at a certain time. It can be used to view a particular programme or can be used to view a series of programmes by setting the **Repeat** option to **Daily**, **Weekly** or **Weekdays**.*

Press **Down** button to highlight a timer on an event. Programme timer function buttons will be displayed on the screen.

***Note:** This feature will be available only when a timer has been programmed.*

Adding a Timer

Press **YELLOW** button on the remote control to add a timer. The **Add timer** menu appears on the screen:

Network Type: Set the network type to filter the channels that will be listed in the **Channel** option.

Timer Type: This feature is unavailable to be set.

Channel: Changes channel by using **Left** or **Right**.

Record Type: This feature is unavailable to be set.

Date: Enter a date using the numeric buttons.

Start: Enter a starting time using the numeric buttons.

End: Enter an ending time using the numeric buttons.

Duration: Displays duration between the starting and ending time.

Repeat: Sets a timer to be repeated as **Once**, **Daily**, **Weekly** or **Weekdays**.

Change/Delete: There are two options available, **Allowed** and **Disallowed**. If this option is set as **Disallowed**, a PIN**(*)** is required to change or delete the programmed timer.

(*) Default PIN is set to 0000.

Press **OK** button to save the timer. Press **RET/BACK** button to cancel.

Editing a Timer

- Select the timer you want to edit by pressing **Up** or **Down** button.
- Press **GREEN** button to edit.
- When finished with editing, press **OK** button to save. You can press **RET/BACK** button to cancel.

Deleting a Timer

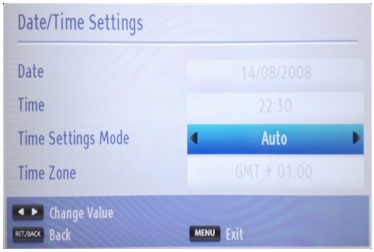
- Select the timer you want to delete by pressing **Up** or **Down** button.
- Press **RED** button.
- Select **Yes** by using **Left** or **Right** button and press **OK** to delete the timer. Select **No** to cancel.

Setting Date/Time

Configuring Date/Time Settings

You can configure date/time preferences by using this menu screen.

- Select **Date/Time** in the Settings menu to configure Date/Time settings. Press **OK** button.



Use **Up** or **Down** button to highlight the **Time Settings Mode**. It can be set to **Auto** or **Manual**.

When **Auto** is selected, **Date, Time** and **Time Zone** options will not be available to be set. If **Manual** option is selected as the **Time Zone** can be altered:

Press **Up** or **Down** button to select **Time Zone**.

Use **Left** or **Right** button to change the **Time Zone** between GMT-12 or GMT+12. Date/Time on the top of the menu list will then change according to the selected Time Zone.

Note: *For countries without Digital channels, only the Date and Time option will be displayed.*

Source Settings

Configuring Source Settings

You can enables or disable selected source options. The TV will not switch to the disabled source options when the ***SOURCE*** *button is pressed.*

- Select **Sources** in the **Settings** menu and press **OK** button.
- Press **Up** or **Down** buttons to select a source.
- Use **Left** or **Right** button to enable or disable the selected source. Changes are automatically stored.

Input Selection

Use the Input Selection window if the television does not switch over to a connected source automatically.

Press **SOURCE** button on your remote control for directly changing sources. Use the **Up** or **Down** button to highlight an input and press **Right** button to select.

Other Controls

Configuring Other Settings - General

*You can configure the settings of your TV. Select **Settings** from main menu and press **OK** to view the Settings menu. Press the **MENU** button on the remote control to exit.*

To view general configuration preferences, select **Other Settings** in the **Settings** menu and press **OK** button.

Operation

- Press **Up** or **Down** button to select an item.
- Use **Left** or **Right** button to set an option or press **OK** button to view a sub-menu.

Menu Timeout

To set a specific display timeout for menu screens, set a value for this option.

In the **Other Settings** menu, select **Menu Timeout** and choose **15 sec**, **30 sec**, **60 sec** or **Off** using **Left** or **Right** button.

Scan Encrypted Channels

*When this setting is set as **Yes**, search process will locate the encrypted channels as well. If it is set as **No** manually, encrypted channels will not be located while in automatic search or manual search. Scan Encrypted Channel feature will always be **Yes** after performing first time installation.*

- In the **Other Settings** menu, use **Up** or **Down** button to select **Scan Encrypted**.
- Press **Left** or **Right** button to set this function as **Yes** or **No**.

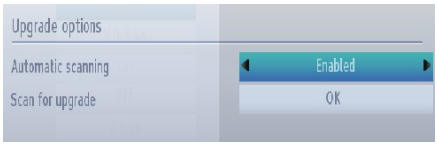
Blue Background

*If the signal is weak or absent, the TV will automatically change to a blue screen. To enable this, set **Blue Background** to **On**.*

- In the **Other Settings** menu, select **Blue Background** and choose **On** or **Off** using **Left** or **Right** button.

Software Upgrade

This feature helps to keep your TV updated. It works automatically and searches for new information when available.



You can enable or disable automatic upgrade by setting the **Automatic Scanning** option.

You can manually start searching for new software by selecting **Scan for upgrade** and pressing **OK** button.

Press **RET/BACK** or **MENU** button to cancel the process.

Application Version

Displays the current application version.

Hard of Hearing

*If the broadcaster enables any special signal concerning the audio, you can set this setting as **On** to receive such signals.*

- Use **Up** or **Down** button to select **Hard of Hearing** and then press **Left** or **Right** button to set this setting as **On** or **Off**.

Audio Description

Audio description refers to an additional narration track for blind and visually impaired viewers of visual media, including television and movies. The description narrator talks through the presentation, describing what is happening on the screen during the natural pauses in the audio (and sometimes during dialogue, if deemed necessary). You can use this feature, only if the broadcaster supports that additional narration track.

- Highlight **Audio Description** by pressing **Up** or **Down** button.
- Press **OK** button to enter Audio Description submenu.

- Use **Up** or **Down** button to select Audio Description setup and then press **Left** or **Right** button to set this setting.

Auto TV Off

You can set the timeout value of auto off feature. After the timeout value is reached and the TV is not operated for selected time, the TV will go off. Press **MENU** button and select **Settings** by using **Left** or **Right** button. Press **OK** button to continue. Use **Up** or **Down** button to select **Other Settings** and then press **OK** button. Select **Auto TV Off** using **Up** or **Down** button.

Standby Search

If the **Standby Search** is set to **On** and the TV is in standby mode, the TV will look for any changes in the saved channels. Press **MENU** button and select **Settings** by using **Left** or **Right** button. Press **OK** button to continue. Use **Up** or **Down** button to select **Other Settings** and then press **OK** button. Select **Standby Search** using **Up** or **Down** button and use **Left** or **Right** button to set.

Store Mode

If you set **Store Mode** to **Enabled**, your TV's features will be illustrated on the top of the screen. To deactivate this feature, set to **Disabled**.

Power Up Mode

This setting configures the power up mode preference.

Standby: The TV always powers up in Standby mode.
Last State: The TV always switches on with the last selected channel/source.

Using Media Browser

This TV allows you to enjoy photo, music or video files stored on a USB device.

Manual Start

To display **Media Browser** window, press the button on the remote control. The Media Browser menu is also accessable from the main menu. Press the **MENU** button on the remote. Select **Media Browser** by pressing **Left** or **Right** button and press **OK**.

Select the media type to be listed and press **OK**.

Auto Start

When you plug a USB storage device, the following menu will be displayed.

You can play or view music, video and picture files from an USB storage device connected to the USB port.

To display the files with folders, select **Settings** tab and change **View Style** to **Folder**. So the selected type of files in the selected folder will be displayed. Additionally the **All** tab will be added to the main **Media Browser** menu. To list all available music, video and picture files in the selected folder at once, select **All** tab and press **OK** button.

If **View Style** is set to **Flat,** all selected type of files will be listed. If for instance, **Video** is selected in the main **Media Browser** menu, TV will search the source for all video files and list them.

Note:

Some USB compliant devices may not be supported.

If the USB storage device is not recognized after power off/on or First Time Installation, plug the USB device out and power off/on the TV set. Then plug it in again.

- Do not use a USB Hub.
- You must obtain any required permission from copyright owners to use copyright content.

Toshiba cannot and does not grant such permission.

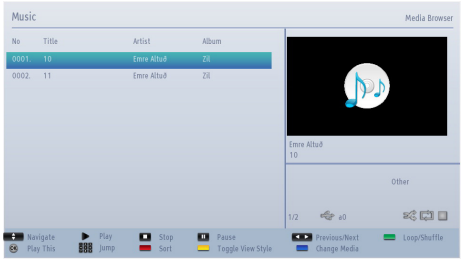
- Depending on the file size and amount in your USB storage device, it may take some time for loading to view. A message will be displayed on the screen when loading files from the USB device.
- Only limited types of USB devices are supported. Therefore, it is suggested not to use USB for playing Media Player.
- Non-supported characters will be replaced with a square (□).

Using Media Browser - continued

This TV allows you to enjoy photo, music or video files stored on a USB device.

Playing MP3 Files

To play mp3 files from a USB memory, you can use this menu screen.



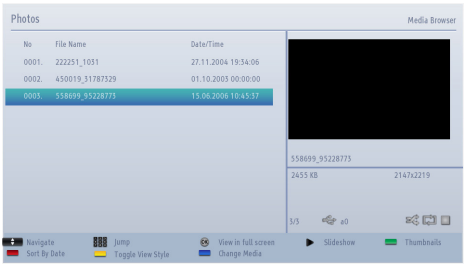
- ▼ / ▲**:** Navigate menu.
- **Play (▶ button):** Start to play all files listed beginning with the selected one.
- **Stop (■ button):** Stop the playback.
- **Pause (❚❚ button):** Pause/Resume the playback.
- **Red button:** Sort files by **Title**, **Artist** or **Album**.

Note: *If the **Viewing Style** in Media Browser Settings menu is set to **Folder**, the files will be displayed as sorted and there is no need to sort files again by pressing the **RED** button. In that case the **RED** button will not function anyway.*

- **Loop/Shuffle (Green button):** Press once to enable Loop. Press again to enable both Loop and Shuffle. Press once more to disable Loop. Press again to disable Shuffle. You can follow the disabled and enabled functions with the change of the icons.
- **Jump (Numeric buttons):** Type the file number using the numeric buttons on your remote to jump to a file directly. The file with the typed number will be only highlighted and will not be played.
- **Play This (OK button):** Play the selected file.
- **Previous/Next (Left/Right buttons):** Jump to previous or next file and play.
- **Yellow button:** Change viewing style.
- **Blue button:** Change media type.

Viewing JPEG Files

*To view photo files from a USB Memory, you can use this menu screen. When you select **Photos** in the main **Media Browser** menu, available image files will be filtered and listed on this screen.*



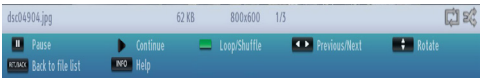
- ▼ / ▲**:** Navigate menu.
- **Jump (Numeric buttons):** Type the file number using the numeric buttons on your remote to jump to a file directly.
- **OK:** View the selected image in full-screen.
- **Slideshow (▶ button):** Start the slideshow to view all the images automatically.
- **Green button:** View the images in thumbnails. Press again to turn back to previous layout.
- **Red button:** Sort files by date.
- **Yellow button:** Change viewing style.
- **Blue button:** Change media type.

Using Media Browser - continued

This TV allows you to enjoy photo, music or video files stored on a USB device.

Slideshow Feature

You can use this feature to display all images automatically on your USB device.



- **Pause (❚❚ button):** Pause the slideshow.
- **Continue (▶ button):** Continue the slideshow.
- **Loop/Shuffle (Green button):** Press once to enable Loop. Press again to enable both Loop and Shuffle. Press once more to disable Loop. Press again to disable Shuffle. You can follow the disabled and enabled functions with the change of the icons.
- **Previous/Next (Left/Right buttons):** Jumps to previous or next file on slideshow. When pressed, the slideshow pauses.
- **Rotate (Up/Down buttons):** Rotate the image using up/down buttons. When pressed, the slideshow pauses.
- **Return/Back:** Back to file list.
- **Info button:** Display info bar.

Video Playback

*When you select **Videos** from Media Browser menu, available video files will be filtered and listed on this screen. You can use **Up** or **Down** button to select a video file and press **OK** button to play a video.*

***Note:** If you select a subtitle file and press **OK** button, you can select or deselect that subtitle file.*

Jump (Numeric buttons): Type the file number using the numeric buttons on your remote to jump to a file directly. The file with the typed number will be only highlighted and will not be played.

Play This (OK button): Play the selected file.

▼ / ▲: Navigate menu.

LANG (Play Preview): Display selected file in a small preview screen. Press again to stop preview.

Red button: Sort files by name.

Play (▶ button): Start to play all files listed beginning with the selected one.

Yellow Button: Change viewing style.

Loop/Shuffle (Green button): Press once to enable Loop. Press again to enable both Loop and Shuffle. Press once more to disable Loop. Press again to disable Shuffle. You can follow the disabled and enabled functions with the change of the icons.

Blue: Change media type.

Play (▶ button): Start the video playback.

Stop (■ button): Stop the video playback.

Pause (❚❚ button): Pause the video playback.

Rewind (◀◀ button): Goes backward.

Forward (▶▶ button): Goes forward.

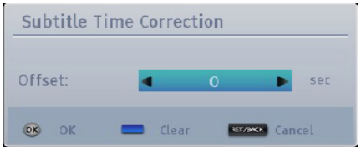
Previous/Next (Left/Right buttons): Plays the previous/next file.

Subtitle/Audio (LANG button): Set Subtitle/Audio.

Green: Jumps to the selected time.

Ret/Back: Back to file list.

Yellow: Open subtitle time correction menu.



Press **OK** to confim.

Press **BLUE** button to clear.

Press **RET/BACK** button to switch back to previous menu.

Using Media Browser - continued

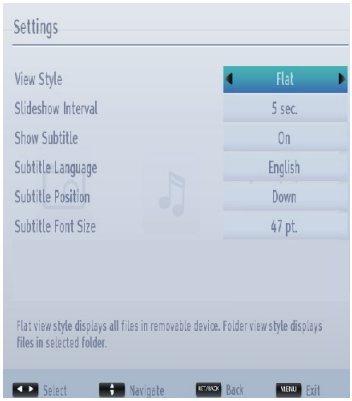
This TV allows you to enjoy photo, music or video files stored on a USB device.

Note:

*You can set subtitles by using **OK** button before starting the playback or by using **LANG** button during the playback. Selected subtitles may not be displayed correctly in some cases.*

*In order to display movie subtitles correctly, you should set a subtitle language. See the section, **Subtitle** in **Language Settings** for selecting movie subtitle language.*

Media Browser Settings



You can set your Media Browser preferences by using the **Settings** dialogue. Press **Up** or **Down** button to highlight an item and use **Left** or **Right** button to set.

View Style: Set default browsing mode. Set as **Flat** to list all selected type of files stored in the USB device. Set as **Folder** to list all selected type of files in the selected folder.

Slideshow Interval: Set slide show interval time.

Show Subtitle: Set subtitle enabling preference.

Subtitle Language: Set supported subtitle language.

Subtitle Position: Set subtitle position as **Up** or **Down**.

Subtitle Font Size: Set subtitle font size (max. 47pt).

To Close the Media Player

• Press **MENU** button on the remote control.

Analogue Only Text Services

This television has a multi-page text memory, which takes a few moments to load.

Analogue Text Services

Before using the text services, the required language region must be chosen.

- Select **Language** from the **Settings** menu.
- Highlight **Teletext** in the **Language Settings** menu and press **Left** or **Right** button to choose the required language region.

After the Teletext language is selected, press **MENU** button to exit.

Using Text Button -TEXT

- To view text services press **TXT**. Press **TXT** again to superimpose text over a normal broadcast picture.
- Press **TXT** again to return to normal viewing.
- Programmes cannot be changed until text is cancelled.
- The first text page shown will be the initial page.
- Any text page can be accessed by entering the 3 digit page number using the numbered buttons. Press **CH▼/▲** or **Up**/**Down** buttons to go to the next/previous page.
- Four coloured titles will appear at the base of the screen. To access one of the four given subjects, press the relevant coloured button on the remote control.
- For further information on your particular text system(s), see the broadcast text index page or, consult your local Toshiba dealer.

Below is a guide to the functions of the remote control text buttons.

Acessing Sub-Pages

If a text page has sub-pages, press Left/Right buttons or enter the sub-page number 0001, 0002, 0003 etc. to access.

Revealing Concealed Text

To discover the solutions on quiz and joke pages press the **INFO** button.

Holding a Page

At times it is convenient to hold a page of text. Press **OK** and "**HOLD**" will appear in the top left of the screen. The page will be held on screen until the button is pressed again.

To display an initial page

Press **RET/BACK** to access an initial page. The one displayed is dependant on the broadcaster.

Appendix A: PC Input Typical Display Modes

The following table is an illustration of some of the typical video display modes. Some, due to the display native resolution, are scaled automatically to enable correct image to be displayed.

Your TV may not support different resolutions. Supported resolution modes are listed below.

If you switch your PC to an unsupported mode, a warning OSD will appear on the screen.

Index	Resolution	Frequency
1	1024x768	60 Hz
2	1280x768	60 Hz
3	1360x768	60 Hz
4	800x600	56 Hz
5	800x600	60 Hz
6	1280x1024	60 Hz
7	1280x960	60 Hz
8	1400x1050	60 Hz
9	1600x1200	60 Hz
10	1920x1080	60 Hz

Appendix B: AV and HDMI Signal Compatibility (Input Signal Types)

Source	Supported Signals		Available
EXT (SCART)	PAL 50/60		O
	NTSC 60		O
	RGB 50		O
	RGB 60		O
Side AV	PAL 50/60		O
	NTSC 60		O
PC/ YPbPr	480I, 480P	60Hz	O
	576I, 576P	50Hz	O
	720P	50Hz,60Hz	O
	1080I	50Hz,60Hz	O
	1080P	50Hz,60Hz	O
HDMI	480I	60Hz	O
	480P	60Hz	O
	576I, 576P	50Hz	O
	720P	50Hz,60Hz	O
	1080I	50Hz,60Hz	O
	1080P	24Hz, 25Hz 30Hz, 50Hz, 60Hz	O

***Note**: In some cases a signal on the LCD TV may not be displayed properly. The problem may be an inconsistency with standards from the source equipment (DVD, Set-top box, etc.). If you do experience such a problem please contact your dealer and also the manufacturer of the source equipment.*

Appendix C: PIN Information

Before connecting any external equipment, turn off all main power switches. If there is no switch, remove the mains plug from the wall socket.

Signal information for Mini D-sub 15 pin connector

Pin No.	Signal name	Pin No.	Signal name	Pin No.	Signal name
1	R	**6**	Ground	**11**	NC
2	G	**7**	Ground	**12**	NC
3	B	**8**	Ground	**13**	H-sync
4	NC*	**9**	NC	**14**	V-sync
5	NC	**10**	Ground	**15**	NC

* NC = not connected

Appendix D: Supported File Formats for USB Mode

Media	Extension	Format	Notes
Video	.mpg, .mpeg	MPEG1-2	MPEG1: 768x576 @ 30P, MPEG2:1920x1080 @ 30P
	.vob	MPEG2	1920x1080 @ 30P
	.mp4	MPEG4, Xvid, H.264	
	.mkv	H.264, MPEG4,VC-1	
	.avi	MPEG2, MPEG4, Xvid, H.264	
	.flv	H.264/VP6/ Sorenson	H.264/VP6: 1920x1080 @ 30P Sorenson: 352x288 @ 30P
	.3gp	MPEG4 , H.264	1920x1080 @ 30P
Audio	.mp3	MPEG1 Layer 2/3	Layer2: 32Kbps ~ 448Kbps (Bit rate) / 32kHz, 44.1kHz, 48kHz, 16kHz, 22.05kHz, 24kHz (Sampling rate) Layer3: 32Kbps ~ 320Kbps (Bit rate) / 32kHz, 44.1kHz, 48kHz, 16kHz, 22.05kHz, 24kHz, 8kHz, 11.025kHz, 12kHz (Sampling rate)
	(works only with video files)	AC3	32Kbps ~ 640Kbps (Bit rate) / 32kHz, 44.1kHz, 48kHz (Sampling rate)
		AAC	16Kbps ~ 576Kbps (Bit rate) / 48kHz, 44.1kHz, 32kHz, 24kHz, 22.05kHz, 16kHz, 12kHz, 11.025kHz, 8kHz (Sampling rate)
		EAC3	32Kbps ~ 6Kbps (Bit rate) / 32kHz, 44.1kHz, 48kHz (Sampling rate)
		LPCM	Unsigned 8bit PCM, Signed/Unsigned 16bit PCM (big / little endian), 24bit PCM (big endian), DVD LPCM 16/20/24bit (Bit rate) / 6kHz, 8kHz, 11.025kHz, 12kHz, 16kHz, 22.05kHz, 24kHz, 32kHz, 44.1kHz, 48kHz , 88.2kHz, 96kHz, 176.4kHz, 192kHz (Sampling rate)
		IMA-ADPCM/ MS-ADPCM	
		LBR	32Kbps ~ 96Kbps (Bit rate) / 32kHz, 44.1kHz, 48kHz (Sampling rate)
Picture	.jpeg	Baseline	Resolution(WxH): 17000x10000
		Progressive	Resolution(WxH): 4000x4000
	.bmp	-	Resolution(WxH): 5760x4096
Subtitle	.sub, .srt	-	-

Specifications and Accessories

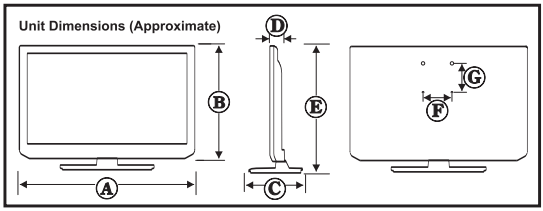
Broadcast Systems/Channels
DVB-T MPEG2, DVB-T MPEG4 HD
DVB-C MPEG2, DVB-C MPEG4

Video Input		PAL, SECAM, NTSC 4.43	
Stereo	Nicam		
External Connections			
1-SCART 1	Input	21-pin SCART	RGB, A/V
2-SCART-S (via SCART 1)	Input	21-pin SCART	S-Video
3-YPbPr (via VGA)	Input	Mini D-Sub 15-Pin Analogue	
4-SIDE AV	Input	RCA	Video + Audio L + R
5-HDMI 1/2	Input	Type A	
6-VGA/PC	Input	Mini D-Sub 15-Pin Analogue	RGB Signal
7-Digital Audio	Output	S/PDIF	(Coaxial)
USB Port		Media Browser Interface Version: USB 2.0 USB Class: Mass Storage File System: FAT32	
Headphone Socket		3.5mm stereo	
Operating Conditions		Temperature 5°C - 35°C (41°F - 94°F) Humidity 20 - 80% (non-condensing)	
Supplied Accessories		Remote Control 2 batteries (AAA,IEC R03 1.5V) Four screws Stand fixing cover P Clip	

	32" W
Energy Efficiency Class	A
Visible Screen Size (approx.)	80cm / 32"
On Mode Power Consumption (approx.) (*)	36 W
Annual Power Consumption (approx.) (**)	52 kWh
Standby Power Consumption (approx.)	< 0.50 W
Screen Resolution (pixels)	1366 x 768
Display	16:9
Sound Output (at 10% distortion)	2 x 6
Power Consumption Model (approx.)	65W
Weight — TV with stand	8.50 kg
Gross weight	12.5 kg
TV without stand	7.00 kg

(*) Tested in accordance with IEC 62087-BD in default settings.

(**) Energy consumption 52 kWh per year, based on the power consumption of the television operating 4 hours per day for 365 days. The actual energy consumption will depend on how the television is used.



Specification is subject to change without notice.

	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)
32W143*DG	745.24	454.52	215.35	103.61	497.58	200	100

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HDMI®
HIGH-DEFINITION MULTIMEDIA INTERFACE

- DVB is a registered trademark of the DVB Project.
- [1] EIA/CEA-861-D compliance covers the transmission of uncompressed digital video with high-bandwidth digital content protection, which is being standardized for reception of high-definition video signals. Because this is an evolving technology, it is possible that some devices may not operate properly with the television.

MP3 licence letter

MPEG Layer-3 audio coding technology licensed from Fraunhofer LLS and Thomson.

AVC licence letter

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DOLBY DIGITAL PLUS

Disposal...
The following information is only for EU-member states:

Disposal of products

The crossed out wheeled dust bin symbol indicates that products must be collected and disposed of separately from household waste. Integrated batteries and accumulators can be disposed of with the product. They will be separated at the recycling centres. The black bar indicates that the product was placed on the market after August 13, 2005. By participating in separate collection of products and batteries, you will help to assure the proper disposal of products and batteries and thus help to prevent potential negative consequences for the environment and human health.
For more detailed information about the collection and recycling programmes available in your country, please visit our website (www.toshiba.eu/recycling) or contact your local city office or the shop where you purchased the product.

Disposal of batteries and/or accumulators

The crossed out wheeled dust bin symbol indicates that batteries and/or accumulators must be collected and disposed of separately from household waste. If the battery or accumulator contains more than the specified values of lead (Pb), mercury (Hg), and/or cadmium (Cd) defined in the European Battery Directive, then the chemical symbols for lead (Pb), mercury (Hg) and/or cadmium (Cd) will appear below the crossed out wheeled dust bin symbol.
By participating in separate collection of batteries, you will help to assure the proper disposal of products and batteries and thus help to prevent potential negative consequences for the environment and human health.
For more detailed information about the collection and recycling programmes available in your country, please visit our website (www.toshiba.eu/recycling) or contact your local city office or the shop where you purchased the product.

Q & A Section

	Question	Answer
Sound	Why is there no sound or picture?	“Check the TV is not in standby mode. Check the mains plug and all mains connections”
	Why is there a picture but no sound?	Check the volume has not been turned down or that sound mute has not been selected
Picture	Why doesn’t the video / DVD being played show on screen?	Make sure the BLU-ray or DVD player is connected to the TV as illustrated in the beginning chapters, then selesct the correct input by pressing SOURCE.
General	Why when digital subtitles have been selected are they not shown on screen?	Subtitles are not currently being transmitted by the broadcaster
	Why are encrypted digital channels unavailable?	You need a subscription package. Contact service provider.
	Why does the active standby LED sometimes take longer to go out?	When in active standby, the TV's active standby will automatically search all available channels for updates, provided automatic update is enabled. The time taken to do this may vary. Led blinks as red and green in this mode.
	What can be done if the pin number has been forgotten?	You can reset the TV and perform the first time installation again. Ensure that no one else is aware of this procedure by securely storing the Owner’s Manual.

REACH information

The European Union (EU) chemical regulation, REACH (Registration, Evaluation, Authorization and Restriction of Chemicals), entered into force on 1 June 2007, with phased deadlines to 2018.

Toshiba will meet all REACH requirements and is committed to provide our customers with information about the presence in our articles of substances included on the candidate list according to REACH regulation.

Please consult the following website www.toshiba.eu/reach for information about the presence in our articles of substances included on the candidate list according to REACH in a concentration above 0.1 % weight by weight.

EU Conformity Statement

CE

This product is carrying the CE-Mark in accordance with the related European Directives.

Responsible for CE-Marking is TOSHIBA, 23 Davy Road, Plymouth, PL6 8BY UK.

This product is labeled with the CE Mark in accordance with the related European Directives, notably Low Voltage Directive 2006/95/EC, Electromagnetic Compatibility Directive 2004/108/EC and RoHS Directive 2011/65/EU. Furthermore the product complies with the Ecodesign Directive 2005/32/EC (EuP) and 2009/125/EC (ErP) and its related implementing measures.

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This equipment corresponds to requirements of the Technical Regulation on limitation of usage of certain dangerous substances in electrical and electronic equipment.

If you wish to view the advanced functions but do not have access to a computer or the internet then please contact your nearest owner's manual Helpline number from the numbers shown below.

Country name locally	Contact Number
Österreich	0810 - 144 122 (7,3 ct/min aus dem Festnetz der Telekom Austria, Mobil ggf. abweichend)
Belgique / Belgie	02 391 01 01
България	0294 21141
Hrvatska	01 653 9737
Κύπρος	22 872 111
Česká republika	323 204191
Danmark	80 88 93 38
Eesti Vabariik	69 97 800
Suomen tasavalta	0800 77 35 03
France	09 69 32 64 84
Deutschland	02131 52 40 999 (Ortstarif, abweichender Mobilfunktarif möglich)
Gibralter	200 76334
Ελληνική	210 9554298
Magyar Köztársaság	23 428 870
Ísland	00 45 80 88 93 38
Yisrā'el	03 953 5900
Italia	039 609 9301
Latvijas	00 372 69 97 800
Lietuvos	00 372 69 97 800
Luxembourg	00 32 2 391 01 01
Moldova	00380 443 511 317
Nederlanden	00 32 2 391 01 01
Norge	800 573 57
Polska	0 71 796 95 05
Portugal	707 265 265
Republic of Ireland	01 246 7780
România	021 3169 393
Россия	8 800 100 05 05
Slovensko	0042 323 204191
España	902 33 22 34
Sverige	0201 70 16 00
Schweiz / Suisse	0900 57 58 58 (CHF 1.49 / Min.)
Türkiye	0 212 340 6080
U.K.	0871 495 0730
Україна	8(044) 351 13 17

Please note the telephone number only applies to advanced owner's manual enquiries and not general operation of the TV.